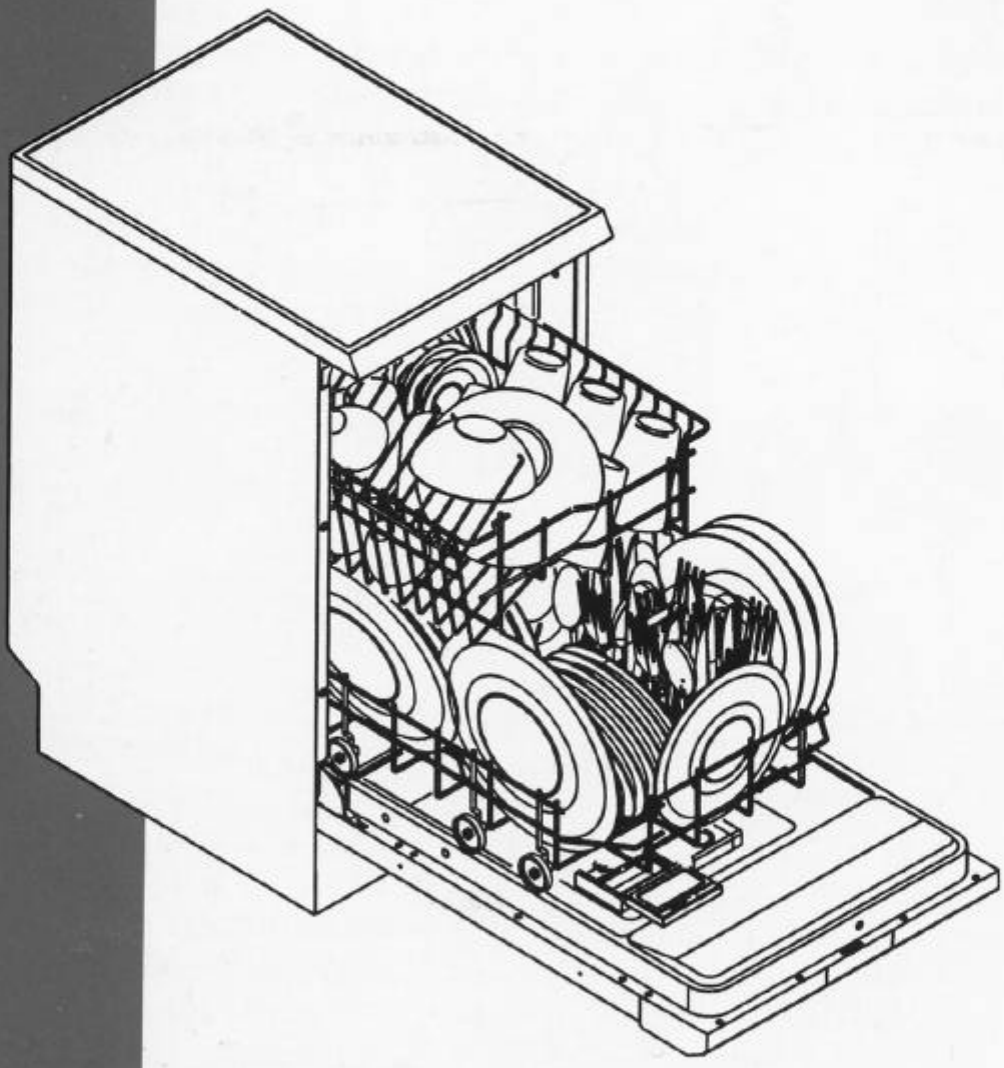
Lavastoviglie
Dishwasher
Lave-vaisselle
Geschirrspüler
Lavavajillas



Istruzioni per l'installazione e l'uso
Instructions for installation and use
Instructions pour l'installation et l'emploi
Informationen für Installation und Gebrauch
Instrucciones para la instalación y el uso

DISHWASHER
Instructions for installation and use

Dear Customer,
Thank you for choosing this fine dishwasher.
Before using the appliance **read the manual** carefully. The information in the manual is important in relation to safety, correct operation, installation and maintenance of the appliance.

- If you encounter problems with the appliance, read chapter **"k" "Troubleshooting".** In most cases you will be able to solve the problem yourself, without incurring unnecessary expense by calling After Sales Service.

- Keep the manual safe for future consultation. In the event of change of ownership, make sure the manual accompanies the appliance.

Technical data

Width	45 cm
Depth	60 cm
Height (min.)	Free-standing 85 cm - Build-under 82 cm
Clearance with open door	116 cm
Capacity	9 standard place-settings
Water supply pressure	Min. 30-Max. 1000 Kpa (min. 0,3 max.10 bar)
Power supply voltage	230 V/50 Hz.
Heating element power	2050 W
Total power consumption	2200 W
Fuse	10 A

This manual is printed on recycled paper.

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a) SAFETY INSTRUCTIONS AND INFORMATION:

This dishwasher complies with the latest technical requirements for safety in home appliances. Make sure you observe the following prescriptions.

Intended use

>The appliance must only be used for household purposes and for the functions for which it was designed. Do not attempt to wash items other than normal household utensils. **The manufacturer declines all liability for the consequences of incorrect or improper use of the appliance.**

>The dishwasher must be installed and connected in accordance with the instructions provided by the manufacturer or by qualified technicians, who must also carry out any necessary modifications to your domestic electrical and water system.(See point **"b"** "Installation").

> For reasons of safety, this appliance must not be modified in any way.

At the time of delivery

> Do not use appliances damaged in transit. Never connect a damaged appliance to the electrical and/or water supplies. If in doubt, consult your dealer.

At the time of installation

> Before switching on the appliance make sure that the mains voltage and frequency in your home correspond to the values shown on the appliance rating plate.
(See point **"c"** in the tank).

> Do not use extension leads.

>If the power socket to which the appliance is to be connected is not compatible with the plug, replace the plug with another of suitable type rather than using adapters or multiple plugs, which migth cause overheating or burns.

> Ensure that the appliance is not resting on the power cord or on the water supply and/or drain hoses.

a) SAFETY INSTRUCTION AND INFORMATION

Important notes

>Models with TOTAL AQUASTOP system:
if the appliance is leaking, this device shuts off the water supply and switches off the dishwasher. This system prevents the room from flooding. If the device is tripped you will need to call a qualified technician to find and repair the fault. In models with AQUASTOP the water intake hose features an enclosure containing two solenoid valves, while the hose itself contains electrical wiring. Do not cut the water intake hose or immerse the enclosure in water. If the hose is damaged, disconnect the appliance from the electrical power supply.

> In the event of malfunctions or maintenance work, turn off the water supply tap and then disconnect the appliance from the electrical power supply. To unplug the appliance grip the body of the plug and pull; do not unplug the appliance by pulling the power cord.

WARNING!

- The appliance must be used exclusively by adults.

- Detergents are harmful to the eyes, mouth an throat and can cause death throug suffocation. Keep children away from detergents and the dishwasher; children must not be allowed to play with the appliance.

- Residual water in the dishwasher at the end off the washing program is not drinkable. Do not drink or use this water because it may contain traces of detergent.

- Leaning or sitting on the open door of the dishwasher may cause it to tip over; if the appliance is built-under a worktop, damage to the door and kitchen units will result.

- Do not introduce solvents such as alcohol or turpentine into the dishwasher tank: risk of explosion.

- Never place plastic dishes on the heating element, they might melt.
The heating element will remain hot for some time after the end of a wash cycle.
Do not touch the heating element! Risk of burns.

- Never touch or operate the appliance with wet hands or bare feet.

- Knives and cutlery receive a better wash if placed in the basket with their handles pointing down; however, handles may be left pointing upward to avoid injury by tips or blades.

- Do not leave the appliance door open unnecessarily - risk of tripping and falling.

- Built-under models must be installed in accordance with the relative instructions.

Disposal

Disposing of packing materials

In line with our environmental policies, the packing materials are recyclabe and have been limited to the absolute minimum; these materials (cardboard, plastic bags, polystirene... etc.) must be kept out of reach of children as they are a potential source of danger. Recovery and recycling of packing materials helps to conserve natural resources and reduce waste.

Consign the packing materials to a sorted waste collection point. Your local town or city council offices will give you the address of your nearest collection centre.

Disposing of obsolete appliances

Once taken out of use, an obsolete appliance must be rendered unusable. Disconnect the plug from the socket and then cut off the mains power cord. Take measures on parts of the appliance such as locks, doors, etc. which might be dangerous for children if used during play, to eliminate any such risks. Plastic parts of the appliance are marked with special lettering to assist with sorted waste collection in line with environmental protection requirements.

Consign the obsolete appliance to your nearest recyclabe material collection centre or to your dealer.

b) INSTALLATION

The dishwasher must be installed in a perfectly horizontal position on a structurally sound floor. The appliance is equipped with adjustable feet so that it can be made perfectly level and stable. Correct closing of the door is only assured if the appliance is perfectly level.

Warning!

If the appliance is to be installed on a carpeted floor, ensure that the ventilation openings in the base are not obstructed.

Some built-under models are equipped with just one foot at the rear (instead of two) which can be adjusted by means of a screw under the front of the appliance. This allows the position to be adjusted even after the appliance has been installed under the kitchen worktop.

- Make sure there are no kinks in the water supply and drain hoses and that the electrical power cord is not distorted.

- The sides and rear panel of the appliance may be placed in direct contact with adjacent units or walls.

- The water filler and drain hoses can be turned to the right or left in accordance with the installation requirements. After positioning the hoses make sure they are not leaking and that they are not crushed or kinked.

- For the maximum stability, install build-under appliances or integrated appliances exclusively under a continuous worktops that is fastened to the adjacent kitchen units.

- If the dishwasher is installed next to a gas or coal stove, interpose a heat insulating panel between the two appliances.

Connection to the water supply

The appliance can be supplied with cold water or hot water (60°C max.) from a centralised heating system. In the latter case, the washing program will be a few minutes shorter and the wash will be slightly less effective. The connection to the tap is made in exactly the same way as for the cold water supply.

Make sure that the water supply pressure is within the tolerance range shown in the technical data. If the water pipes are new or if they have been in disuse for a prolonged period, before making the connection allow the water to run into a container for a while to make sure it is clear and does not contain debris. If you do not take this precaution, sand or rust deposits may clog the water inlet and damage the aplliance. Connect the water intake hose to a tap with a 3/4 gas thread, interposing the supplied strainer **"A"** (fig.1) from the accessories bag. Tighten the locking ring fully to prevent leaks. On models equipped with the AQUASTOP device the intake hose is already equipped with a filter. Do not kink or crush the hose or the water supply will be restricted with the risk of damage to the appliance.

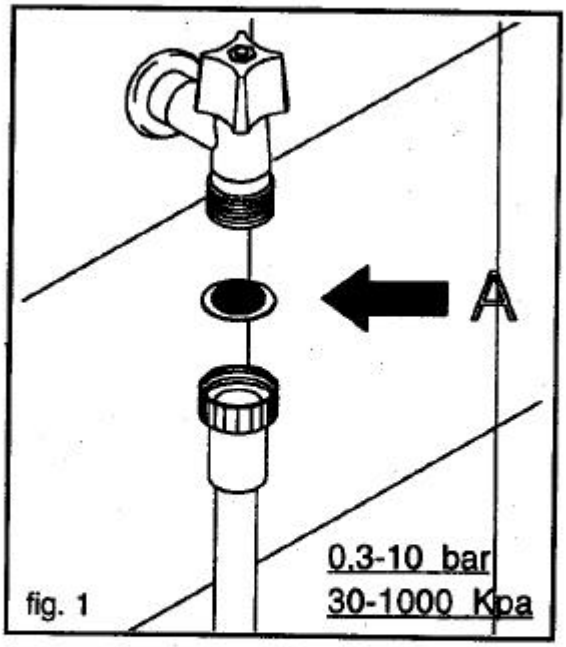


fig. 1

The connection at the appliance end of the water intake hose is adjustable; on models not equipped with AQUASTOP proceed as follows:
- loosen the locking ring,
- turn the hose in the direction you require,
- tighten the locking ring fully and check for leaks.

Drain connection
The drain connection can be made in various ways:
- to a sink drain siphon;
- to a drain pipe (with vent) of at least 4 cm in diameter;
- by fitting the drain hose in the plastic support and hooking it over the side of a sink. The plastic support serves to create a curved shape at the end of the hose so that it engages properly with the edge of the sink.

Warning!
Make sure the drain hose is properly secured to the sink to avoid the risk of it becoming disengaged and falling. The plastic curve features a hole for a cord so that it can be tied to the wall or to the tap etc. so that it cannot become accidentally detached from the sink (fig. 2).

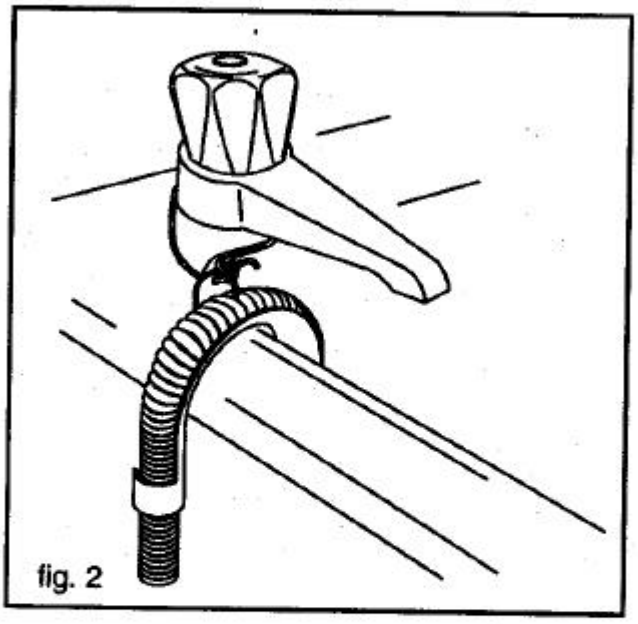


fig. 2

Irrespective of the solution you choose, make sure that the end of the drain hose is between 30cm and 100cm from the floor (fig. 2a).

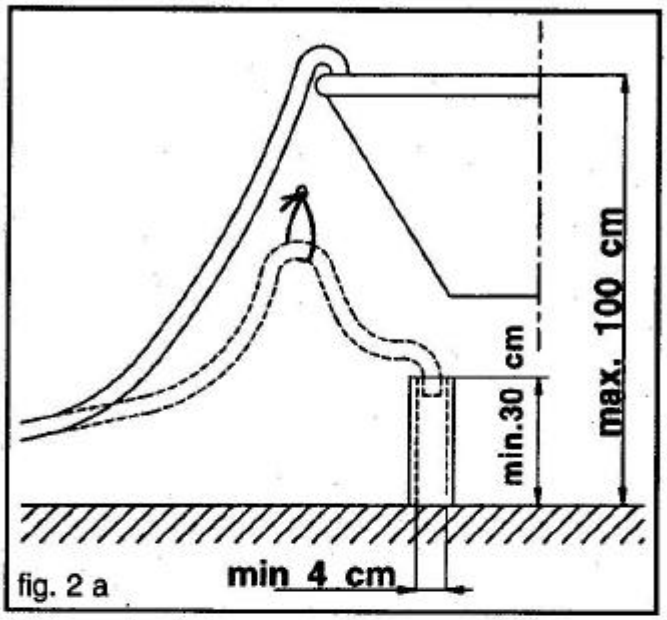


fig. 2 a

If necessary, you can use a drain extension hose of up to 3 metres in length. In this case the extension must be installed horizontally and the maximum permissible drain height is reduced from 100cm to 85cm.

Electrical connection

Before connecting the appliance to the electrical supply refer to the safety instructions and installation notes. (See Safety instructions and information, point "**a**").

Insert the appliance plug into an electrical soket with an earth connection ***(earthing of the appliance is a safety precaution required by law).***

The manufacturer declines all liability for injury to persons or damage to property caused by failure to eart the appliance or faulty connection of the earth wire.

Before switching on the appliance make sure the rated voltage and current specified on the nameplate correspond to the mains voltage and current in your home. The type of electrical protection of the appliance is shown on the nameplate (the nameplate is affixed on the inside edge of the door).

For safety reasons, if the appliance is not connected by way of a plug and socket, it must be connected by way of an all-pole disconnect switch with contact opening gap of at least **3mm.**

The plug must be accesible after the appliance is installed.

If the power cord is damaged, it can be replaced only by After-Sales Service personnel or a technician with similar qualifications.

This appliance complies with the requirementes of EU directives 72/23/EEC (Low voltage directive), and 89/336 EEC, including amendment 92/31 EEC (Electromagnetic compatibility)

c) DESCRIPTION OF THE APPLIANCE

Tank (fig. 3)

1 Salt container
2 Rinse-aid dispenser
3 Detergent dispenser
4 Rating plate
5 Filters
6 Top basket
7 Bottom basket
8 Cutlery basket
9 Top spray arm
10 Bottom spray arm
11 Water softener adjustment device

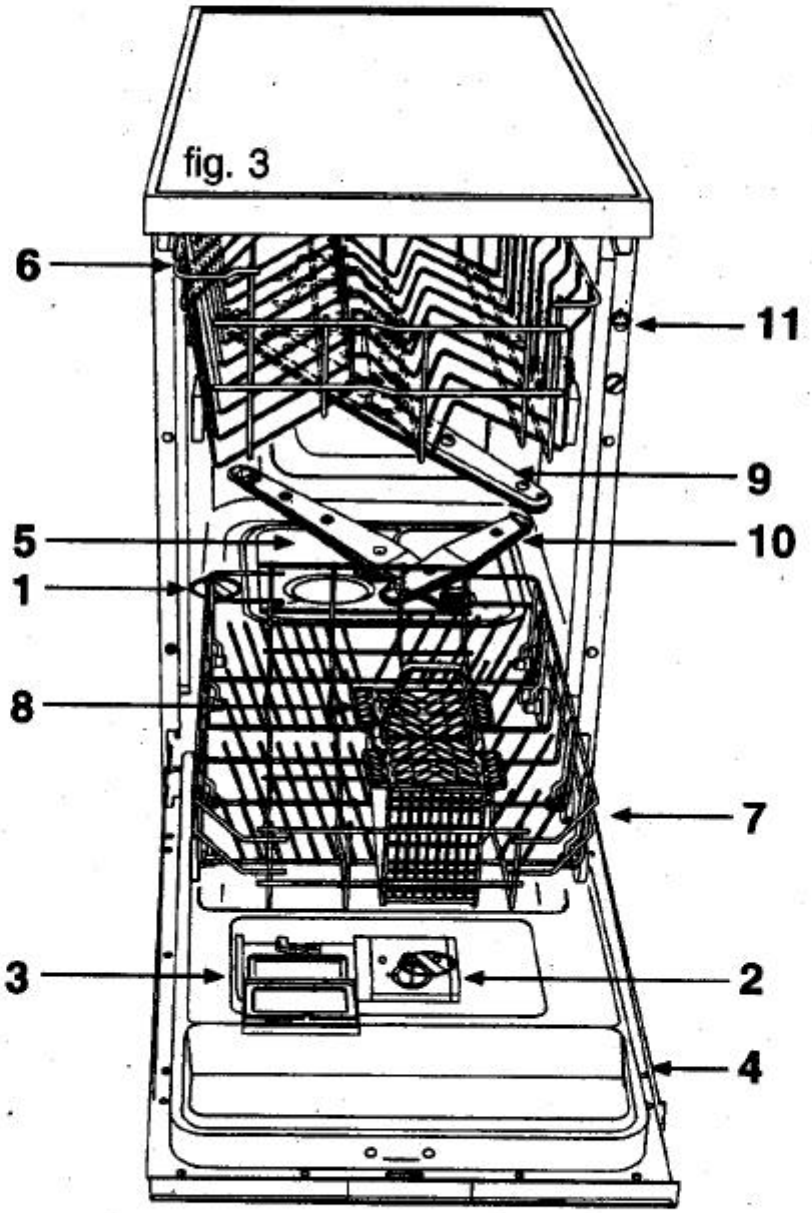
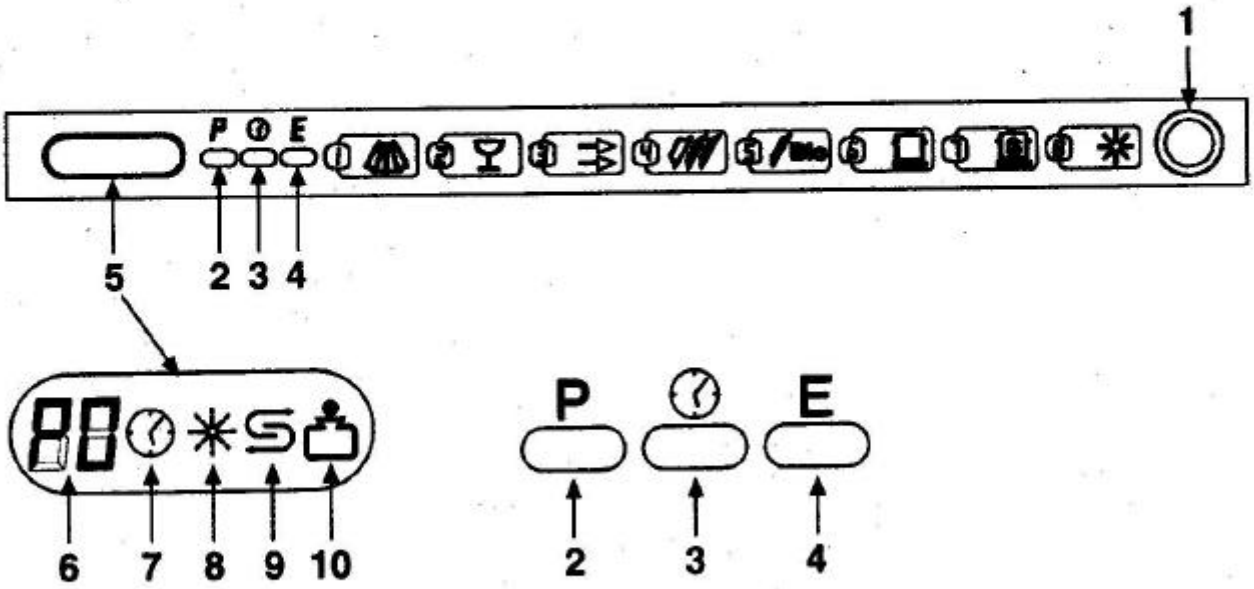


fig. 3

c) DESCRIPTION OF THE APPLIANCE

Front panel



1 **ON** button
2 **PROGRAMME SELECTION** button
3 **DELAYED START** selection button
4 **ECONOMY PROGRAMME** selection button
5 Information display
6 Indicates the programme selected / delayed start / alarms
7 Indicates that a delay has been set before the start of the programme
8 No rinse aid warning light
9 No regenerating salt warning light
10 Indicates that an economy programme has been selected

d) PROGRAM TABLE

N°	Cycle	Load Type	Prewash	Wash
1	SOAK	Preliminary rinsing of dishes.	YES	NO
2	DELICATE	Dishes with light dirt (glasses, cups).	NO	45 °C
2	CRYSTAL	Delicate china or glassware which cannot withstand high washing temperatures. Small non dried food remains which do not contain starch.	NO	45 °C
3	RAPID	Dishes with light or medium dirt with no dried residues or starches.	NO	45 °C
4	NORMAL	Dishes with normal dirt with dried residues of foods containing starches.	YES	65 °C
4	DAILY	Dishes with normal dirt without dried residues or starches.	NO	65 °C
5	BIO	Dishes with light dirt with dried residues of foods containing starches.	YES	55° C
5	ECO BIO (**) (*)	Dishes with light dirt with dried residues of foods containing starches.	NO	55 °C
6	STRONG EN 50242	Very dirty pans and dishes with dried residues containing starches.	SI	68 °C
6	STRONG (without prewash)	Dishes with normal dirt and pans, with dried residues containing starches.	NO	68 °C
7	SUPER	Very dirty pans and dishes with a lot of dried on food, containing also starch (ex. pasta, rise, semolina, potatoes, eggs, sauces, roasts.).	45 °C	70 °C
8 ***	RINSE	Dishes requiring "refreshing".	NO	NO

N.B. Use the SOAK program only with a partial load.

(*) Recommended program for use with the latest generation of detergents containing enzymes.

(**) Reference cycle according to EN 50242.

(***) Before starting programme n. 8, check that the hatch of the detergent dispenser is open.

Quantity of detergent grams	1 St Rinse	2 St Rinse	Rinse Aid Rinse	Drying	Eco
-	NO	NO	NO	NO	-
25	YES	NO	65 °C	YES	-
25	YES	NO	55 °C	YES	O
25	YES	YES	NO	NO	-
30	YES	NO	65 °C	YES	-
30	YES	NO	65 °C	YES	O
30	YES	NO	65 °C	YES	-
30	YES	NO	65 °C	YES	O
30	YES	YES	68 °C	YES	-
30	YES	YES	68 °C	YES	O
10 + 25	YES	YES	70 °C	YES	-
-	NO	YES	65 °C	YES	-

O = Press the "ECO" button.

e) PREPARATIONS BEFORE USING THE APPLIANCE FOR THE FIRST TIME

Before using the appliance for the first time, remove the polystyrene basket retainer elements. Once the appliance has been **correctly** installed, prepare for use as follows:

- adjust the water softener system
- fill the salt container
- fill the rinse-aid dispenser

Adjusting the water softener

To get good washing results your dishwasher needs soft water (water without calcium contents), otherwise the dishes and internal parts of the appliance will be stained with whitish limescale residues. Therefore, if the water in your area is harder than 9°d (German scale) it must be softened. If the water hardness is less than 9°d there is no need to add salt. The appliance is equipped with a water softening system tath can be adjusted in relation to the hardness of water in your area. The device, which is accessed by opening the door, is in the top right hand corner of the tank and can be adjusted using a coin; the device has five settings.

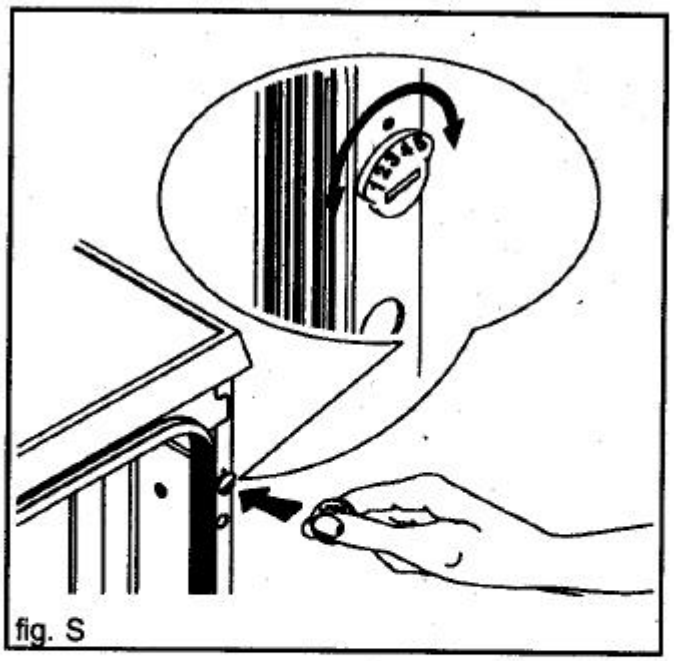


fig. S

Set the water softener after checking the hardness of your water in accordance with the tables below, by turning the pointer (fig. S) to the number relating to the level chosen (1,2,3 etc.). Some models are equipped with a sticker on the upper edge of the door showing the washing programs and information relating to adjustment of the water softener. The water softener is regenerated at each wash cycle thanks to the salt solution. The consumption of salt for regeneration of the water softener depends on the water hardness in your area. **Contact your water company for information on the water hardness in your area.**

For optimum regeneration:

* the water softener system must be adjusted in accordance with hardness of the water supply (the appliance is factory set to average values);
* the salt container must be kept filled with salt

e) PREPARATIONS BEFORE USING THE APPLIANCE FOR THE FIRST TIME

WARNING!

- Use only regenerating salt for dishwashers; **do not use edible salt.** Only use edible or industrial salt in extreme cases, since they contain insoluble substances which may damage the water softening system over time.

- Use caution: dishwasher salt packets and detergent packets are often similar in apparance. If you inadvertently pour detergent into the salt container the water softener system may be damaged.

Water hardness		Setting
German degrees	French degrees	
0-9 °dH	0-15 °dF	Setting NR. 1 NO SALT
10-15 °dH	16-25 °dF	Setting NR. 1
16-22 °dH	26-38 °dF	Setting NR. 2
23-35 °dH	39-60 °dF	Setting NR. 3
36-46 °dH	61-80 °dF	Setting NR. 4
47-54 °dH	81-92 °dF	Setting NR. 5

- **Close the salt container carefully after filling.** It is important that water containing detergent does enter the salt container since this would cause irreparable damage to the regeneration system. In this case, the warranty will no longer apply.

- **Filling with salt**
  - Open the door and take out the bottom basket.
  - Unscrew the cap from the salt container by turning it anti-clockwise.

For first start-up only: when the appliance is used for the first time, after adding the salt also add 1 liter of water to the reservoir.

-Apply the funnel supplied inside the dishwasher to the salt container opening. (fig. 4).
- Pour the salt through the funnel into the container. The water softener holds approximately 1,2 kg of salt. Do not overfill.
- Before screwing the cap back into place, remove salt residues from around the container opening.

e) PREPARATION BEFORE USING THE APPLIANCE FOR THE FIRST TIME

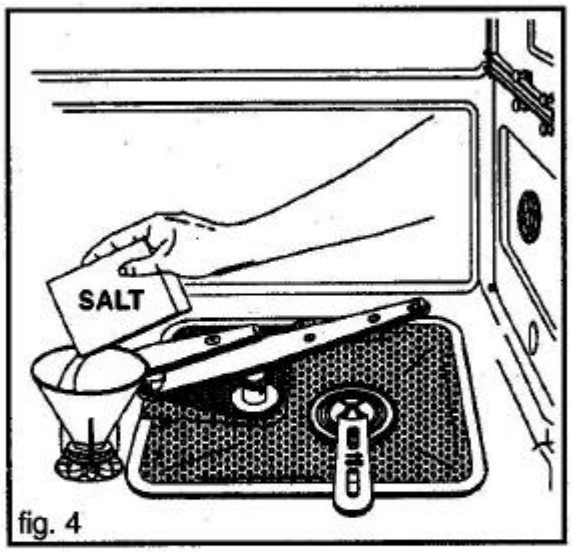


fig. 4

IMPORTANT!

- The salt container must be filled when the No Salt warning light illuminates on the front panel;: always top up the container before a wash so that any overflowing salt solution will be removed immediately by the water. In the solution is allowed to remain inside the tank it might cause corrosion.
- After filling the salt container the warning light will switch off either immediately or after one or two wash cycles.
-If your appliance does not have a No Salt warning light, consider that in areas of medium water hardness, the container must be filled approximately every 15 washing cycles (excluding the "soak" program).

Adding rinse-aid

Rinse-aid is dispensed automatically during the final rinse from the rinse-aid dispenser on the inside of the door (fig. 5). Rinse-aid speeds up the drying phase and prevents the formation of stains and scale deposits on the dishes.

WARNING!

- Use only a reputable brand of rinse-aid for dishwashers.
- If you inadvertently fill the rinse-aid dispenser with detergent (including liquid detergent) it will be damaged.

- Open the door
- Rotate the rinse-aid dispenser lid anti-clockwise by 1/4 of a turn and extract it (fig. 6)

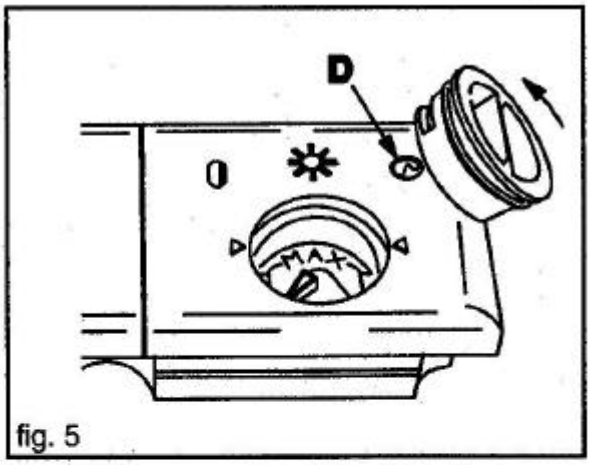


fig. 5

e) PREPARATION BEFORE USING THE APPLIANCE FOR THE FIRST TIME

- Pour in rinse-aid until the container is full (approx. 140cc). Optical level indicator **"D"** located next to the lid must be completely covered (dark colour).Top up with rinse-aid when the level indicator shows a light colour or when the No Rinse-aid warning light illuminates on the front panel.

- Refit the lid and turn it clockwise.
- Use a cloth to mop up any spills of rinse-aid, which would otherwise lead to the formation of excess foam.

Adjusting rinse-aid dosage

The appliance leaves the factory with a medium setting. You can, however, adjust the rinse-aid dosage by turning the selector in the dispenser to the required position; the dosage is proportional to the position of the selector. Depending on the appliance model, the dosage may be indicated with numbers (1=minimum dosage) or by min. - max.
Increase the dosage if the washed dishes are dull or present circular stains.

- To adjust the dosage rotate the dispenser lid anti-clockwise by 1/4 of a turn and extract it
- Now use a screwdriver to turn the dosage selector to the required position (fig. 5-6).

- Refit the lid and turn it clockwise.

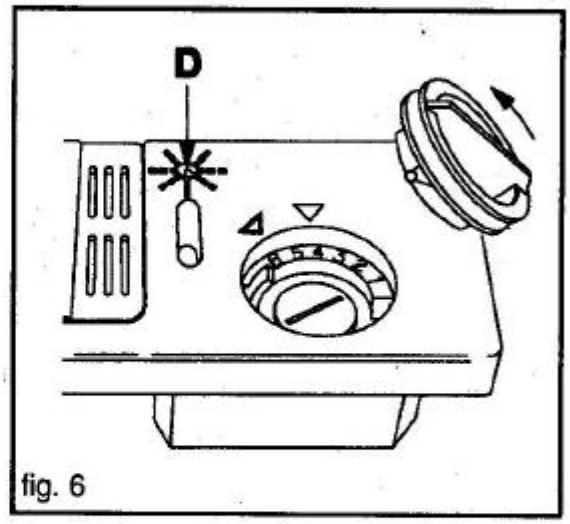


fig. 6

Adding detergent

IMPORTANT

- Use only detergents intended specifically for dishwasher do not use normal washing up detergents, which produce excessive amounts of foam and can impair operation of the appliance.

- The detergent package must be sealed and stored in a dry place to prevent the formation of hardened crystals which will negatively affect washing efficiency.

- The detergent must be poured into the detergent dispenser before each wash cycle, and is dispensed automatically (do not add detergent before running a SOAK program, which does not use detergent).

e) PREPARATIONS BEFORE USING THE APPLIANCE FOR THE FIRST TIME

- If a detergent in tablet form is used, the tablets may be placed in the detergent dispenser or in the cutlery basket. In the later case, still close the door of the detergent dispenser-However, it is preferable to place the tablet in the dispenser so that all the detergent is used in the wash.

- **If insufficient detergent is added, the dirt will not be completely eliminated; excessive detergent does not increase the effectiveness of the wash, but is wasteful and may cause foam and pollution.**

DETERGENT INFORMATION

There are various types of dishwasher detergents available in the shops, in liquid, powder or tablet form and with different chemical compositions:

1) containing phosphates.
2) phosphate-free (with natural enzymes).

For environmental protection reasons we recommend the use of phosphate- and chlorine-free detergents.

1. Detergents containing phosphates are more effective at removing fat and starch at temperatures above 60°C.

2. Enzymatic detergents are effective at lower temperatures (from 40°C to 55°C) because of their biological action, and they are also more biodegradable. Enzymatic detergents therefore give the same washing results at low temperatures as those obtainable with traditional phosphate type detergents using 65°C programs.

The concentration of commercial detergents differs from brand to brand. Follow the dosage instructions on the package.

Detergent dispenser

The detergent dispenser is on the inside of the door.
If the lid closed:

1 Press the button "**C**" (fig. 7a-7b). The lid will flip open.

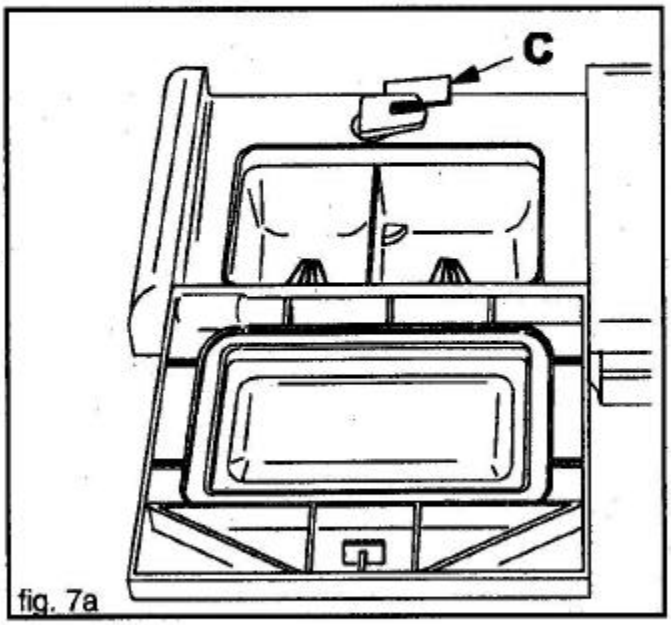


fig. 7a

e) PREPARATIONS BEFORE USING THE APPLIANCE FOR THE FIRST TIME

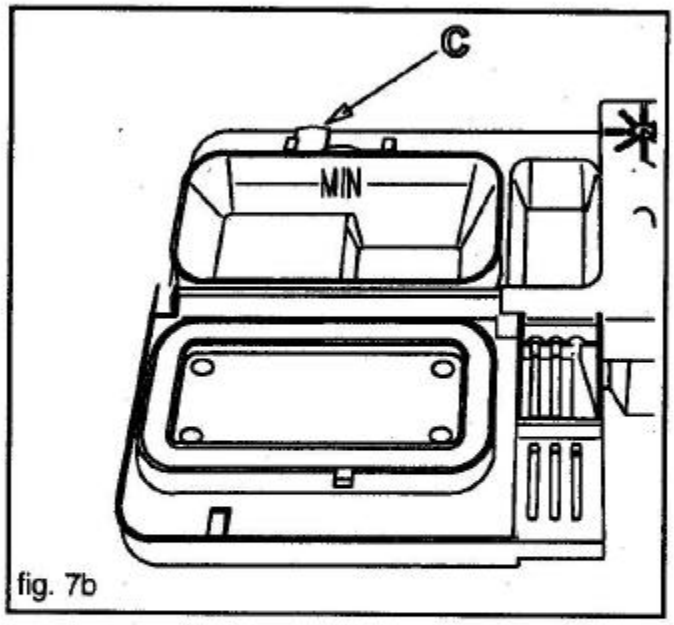


fig. 7b

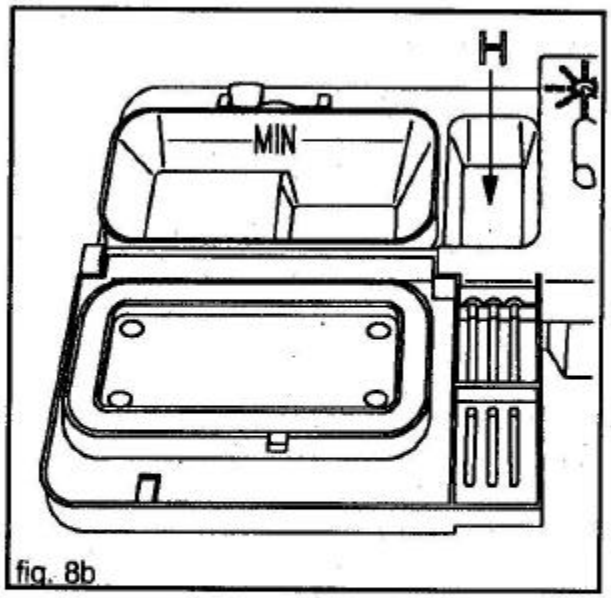


fig. 8b

2 Pour detergent into the container. If you are planning to use the super/ intensive program (only for certain models), in addition to the dose in the dispenser, add an extra amount by filling cavity "**G**" or "**H**" (fig. 8a-8b).

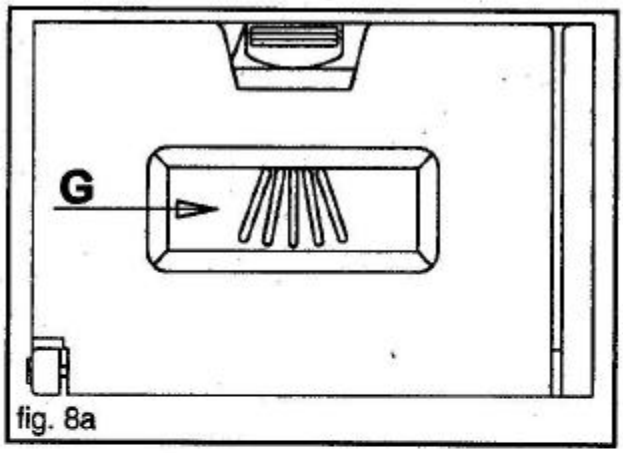


fig. 8a

The detergent dosing scale, if present, is a useful guide to the quantity to be added.

3 Close the lid by pressing it down until it clicks into place; the lid opens automatically during the washing program.

f) LOADING THE DISHWASHER

Dishwasher capacity is 9 place-settings including serving dishes.
Before loading the dishes::

- remove coarse food remains, e.g. bones,etc., which could otherwise block the filter or damage the washing pump.

- very dirty pans with burnt-on food ramains should be soaked in water before loading. Put pans in the *BOTTOM BASKET.*

It is unnecessary and wasteful to rinse dishes under running water before putting them in the dishwasher baskets.

Good washing results are guaranteed when the dishwasher is loaded correctly.

WARNING!

- Make sure the dishes are positioned securely and that they do not obstruct rotation of the spray arms.
- Do not place very small items in the baskets since they could fall into the tank and jam the spray arms or the wash pump.
- receptacles such as cups, bowls, glasses and pans must be loaded upside down and at an angle so that the water is able to drain properly.
- Do not place dishes and cutlery directly one on top of the other.
- Do not place glasses too close together: they may break or stains may remain after washing.

ADVICE: Make sure the dishes are suitable to be washed in a dishwasher.

f) LOADING THE DISHWASHER

ITEMS THAT ARE NOT DISHWASHER-PROOF

Wooden utensils, cutlery and dishes: possible damage due to high wash temperatures.

Handmade items: Handmade items are rarely suitable for washing in the dishwasher. The relatively high water temperatures and the deterhent used may damage them.

Plastic dishes: mai be deformed by high wash temperatures. Heat-resistance plastic dishes must be placed in the top basket.

*Dishes and items made of copper, tin, zinc and brass:*these materials tend to stain in the dishwasher.

*Alluminium pots:*anodized items may become discoloured.

Silverware: silverware may become stained.

Glass and crystal glass: generally speaking glass items can be washed in the dishwasher. There are, however, certain types of glass that tend to become opaque after numerous wash cycles; wash delicate glass items using a "delicate" washing program, if available, or, in any event, the least intensive of the available programs.

Decorated dishes: modern decorated dishes are generally completely dishwasher proof, although in some cases colours can fade after a large number of washes. If you are in doubt, wash one or two items repeatedly over a period of about one month and then check the results.

Caution!

- Do not wash dishes soiled with ash, wax, lubricating oil or paint.

Loading the dishwasher is easier if you start from the bottom basket.

• Loading the bottom basket

The bottom basket is designed to hold larger dishes with the toughest dirt. In some models, the bottom basket is equipped with tip-up supports (fig. 9) thet allow the available space to be used more efficiently.

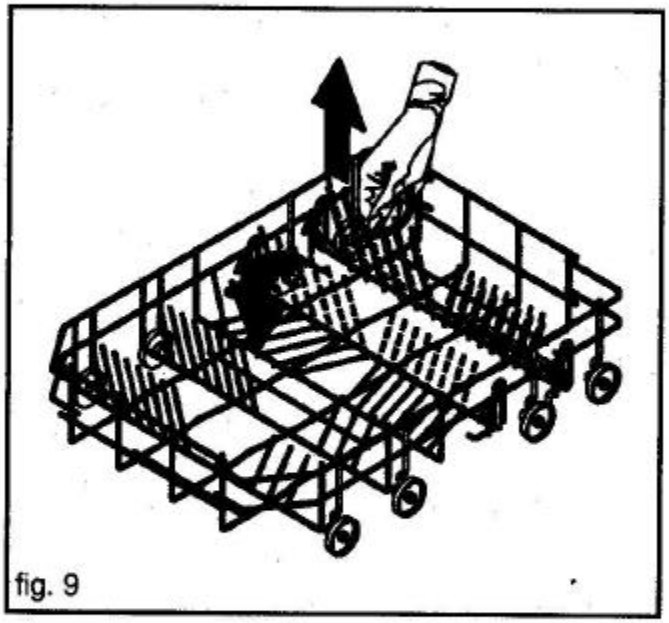


fig. 9

f) LOADING THE DISHWASHER

1.Pull out the bottom basket completely

2Arrange the dishes: flat plates, soup plates, dessert bowls, pots and pans Example of how load the dishwasher (fig. 10a-10b).

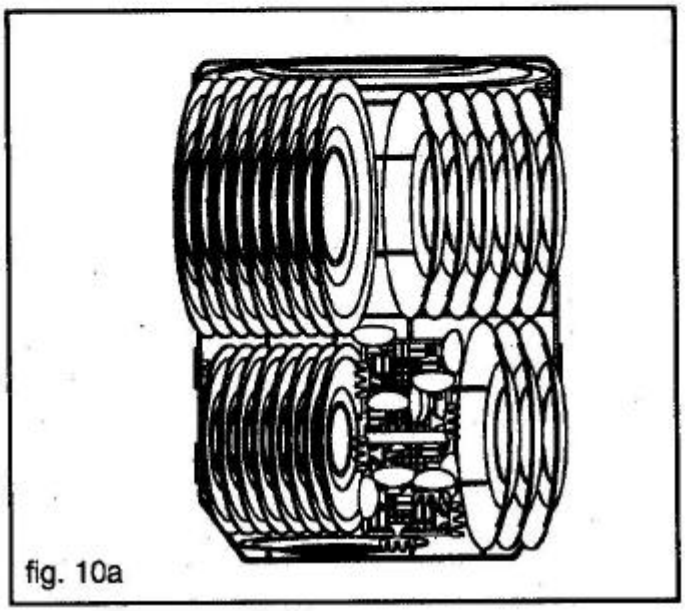


fig. 10a

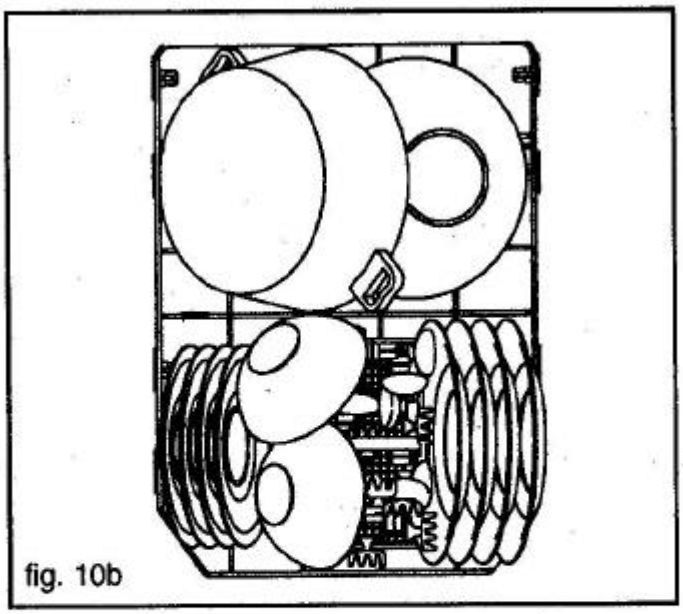


fig. 10b

Cutlery basket (Fig. 10c)
Fill the cutlery basket in an orderly manner, with cutlery handles pointing downwards (take care not to injure your hands on knife blades or fork tips, etc.).

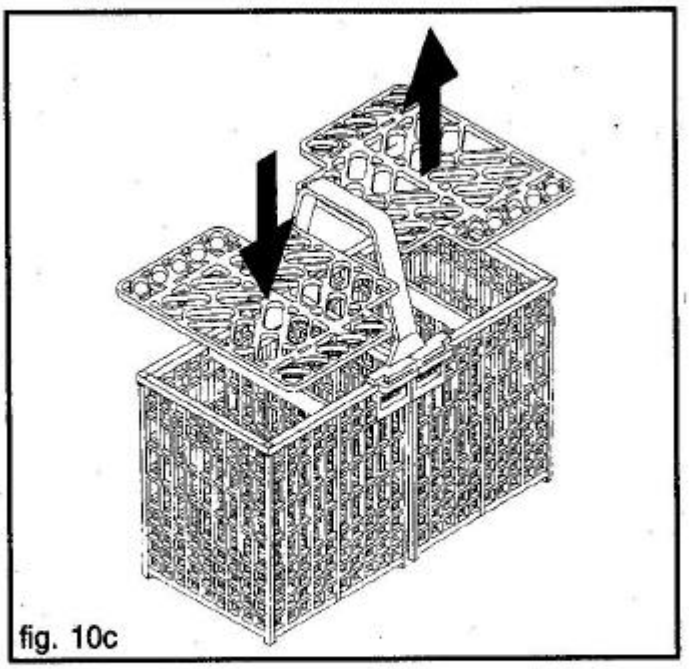


fig. 10c

Important!
Do not put particularly long utensils, such as ladles or kitchen knives in the cutlery basket or they will interfere with the top spray arm. These items should be placed in the top basket.

- **Loading top basket**

The top basket is intended to hold small and medium size items such as glasses, cups, bowls and side plates (arranged in the racks). Some models are equipped with a pair of lift-up racks on the left hand side (fig.11) for small bowls and other items.

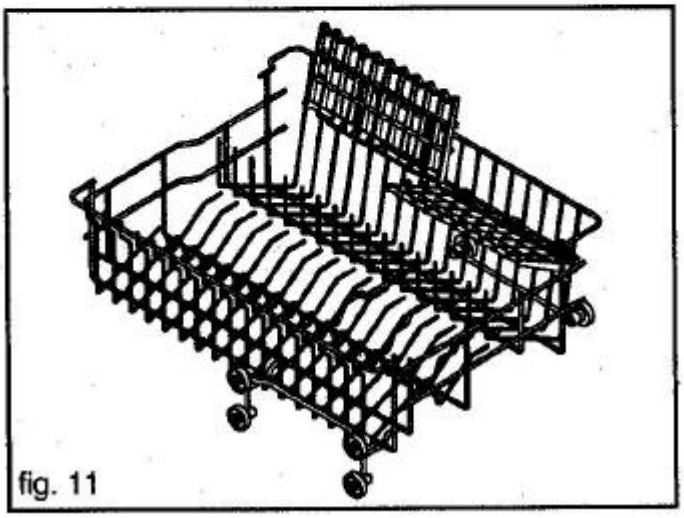


fig. 11

f) LOADING THE DISHWASHER

Pull out the top basket and load the dishes
Example of how load the dishwasher (fig. 12a - 12b):

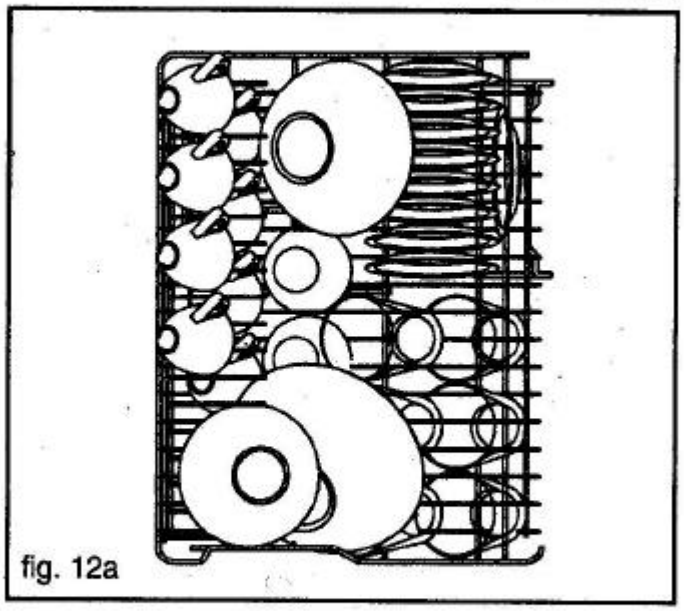


fig. 12a

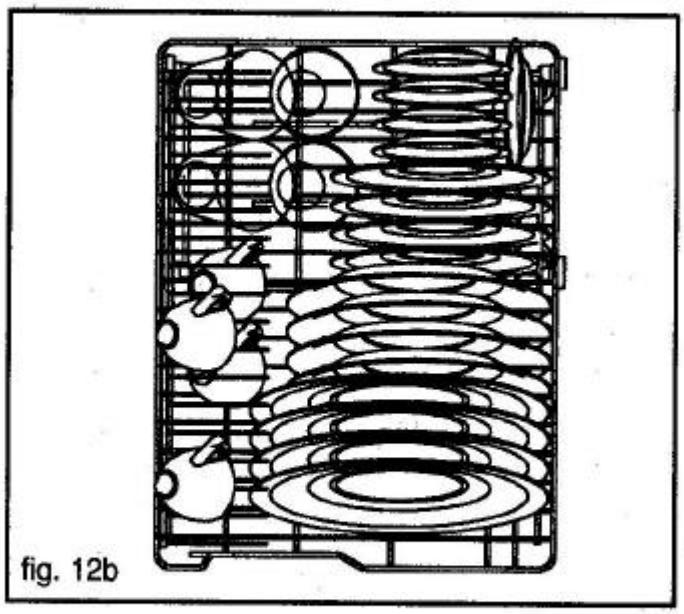


fig. 12b

Adjusting the top basket

The top basket can be set in two different positions depending on requirements and the height of the dishes

*Pull the basket out to the limit position, turn end stop **"E"** on the right hand runner (fig.13) through 90°, push the runner towards the dishwasher and then raise the basket and insert the lower set of wheels into the runner (fig.14); now restore the end stop to its original position.*

The higher position of the top basket allows you to place 210 mm high dishes in the top basket and 300 mm high dishes in the bottom basket.
The lower positon of the top basket allows you to place 240 mm high dishes in the top basket and 280 mm high dishes in the bottom basket.

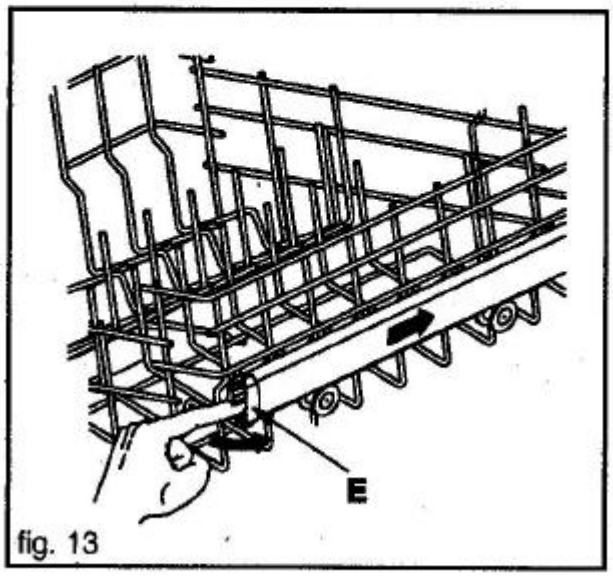


fig. 13

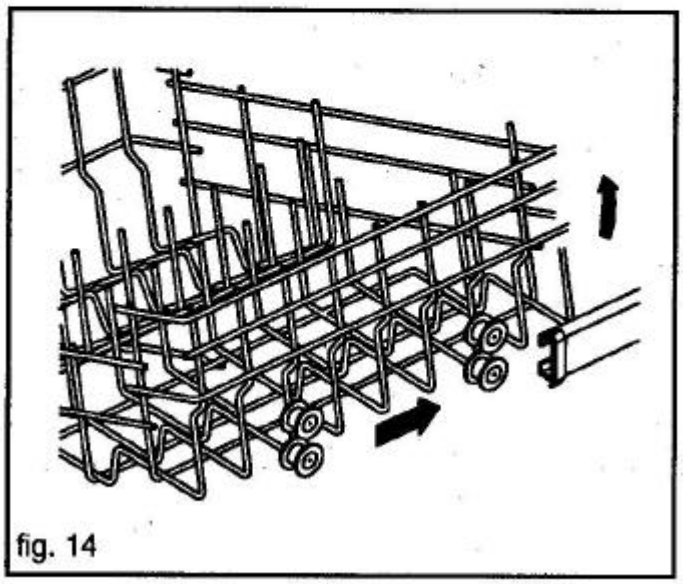


fig. 14

g) SWITCHING THE APPLIANCE ON AND OFF

Switching on
The dishwasher must not be turned on until the dishes have been loaded, the dispenser has been filled with detergent, a check has been made that the spray arms turn freely, and the door has been shut.The water tap must also be turned on and salt placed in the container. To simply programming and communications, the dishwasher is equipped with an **"Information Display"**.

Setting the programme
All programming operations are accompanied by a short beep to indicate reception; if you do not hear anything when a button is pressed, the programme selected does not provide this function. To select the most suitable programme for the dishes to be washed, **comply carefully with the table** in the manual which follows, **especially in the beginning**. This table lists the programmes available in relation to the type of dishes, their strength and resistance to temperature, and how dirty they are. With this fully integrated dishwasher, the washing programmes are selected with the door partly open. Once the most suitable programme has been identified, it is set by pressing the **"programme selection"** button until the corresponding number appears on the information display.
N.B.: "P0" on the display means that no washing programme has been selected. This indication remains on the display until the "programme selection" button is pressed; at this point the display will show the last programme carried out. Each time the button is pressed, the system will scroll through the program numbers from that number onward.

Start-up
At this point, to start the dishwasher simply close the door. A beep will inform you that the programme is starting.

Switch-off
The end of the washing programme is signalled by an on/off beeper and the appearance of "P0" on the display.

Caution!
If you open the door during the wash cycle, you must wait **at least 1 min.** with the door ajar before starting the dishwasher again.

Deleting/Changing the programme
To abort a programme in progress, simply select programme "P0". When the door is closed, the dishwasher will force an early end to the programme. To change a programme already in progress, simply set the new number corresponding to the programme desired. When the door is closed, the dishwasher will automatically start the new programme.

Programme delay
Allows the start of washing programmes to be delayed by from **a minimum of 1 hour to a maximum of 9.**
This allows you to operate the dishwasher during the hours prefer.
When the "programme delay" button is pressed, the display first shows the duration of the program, and then the number of hours (9, 8, ...1) of delay required before the dishwasher starts.
The "clock" symbol remains until the program begins, while the number of hours disappears automatically if the keypad is not touched for five seconds, or if any button other than "program delay" is pressed.
To see how many hours are left before the programme starts, simply press the corresponding button once.

Economy programme selection
This button can be pressed to reduce the themperatures in programmes higher than number 3, allowing a significant electricity saving and reducing the duration of the washing cycle.

IMPORTANT: You can turn off the tap at the end of the washing program (fig.15) to eliminate the risk of flooding. This precaution is essential when the appliance is not to be used for a prolonged period.

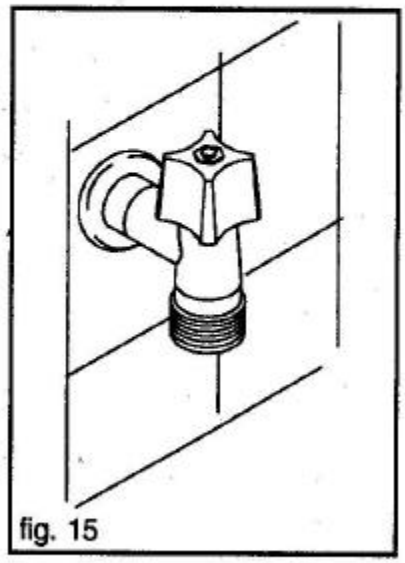


fig. 15

WARNING!
The washing program will be interrupted if the door is opened. When the door is closed again, the program will restart from the point at which it was interrupted. Only open the door if strictly necessary while the washing program is in progress, because this action will allow cold air to enter the hot tank and could negatively affect the results of the wash.
If the appliance is built under a kitchen worktop, the steam that escapes when the door is opened could damage the worktop, giving rise to swelling etc.. It is therefore advisable to protect the underside of the worktop whit the given accessory components.

h) ADDITIONAL FUNCTIONS

The electronic control system of the dishwasher allows its use to be personalized to the user's requirement using a programming procedure which is not directly accessible and provides the following options:

- Disabling of the beep which underlines all dishwasher programming and opertaing procedures;

- Adaptation of the dishwasher's water filling system to the mains water supply pressure;

Display symbol	Parameter	Possible values	Effect
	Audible warning	0 1	disabled enabled
	Water pressure	0 1	Normal Low
H	Water hardness	0 1 2 3 4 5	< 9° dH (15° dF) < 15° dH (25° dF) < 23° dH (40° dF) < 34° dH (60° dF) < 46° dH (80° dF) < 58° dH (100° dF)

I) DEALING WITH MALFUNCTIONS

The electronic control system is capable of detecting and signalling a series of possible dishwasher malfunctions. Therefore before calling the After-Sales Service, users are advised to consult the list below, and in all cases to make a note of the error message.

- Alarm **E2**
The system which limits the water level inside the dishwasher (Safety Level) has been tripped. Since this might be a temporary fault, try reprogramming the machine. If the malfunction persists, call the After-Sales Service.

- Alarm **E3**
The dishwasher is not able to heat the washing water correctly. To establish the cause of the fault, call the After-Sales Service

- Alarm **E4**
The temperature monitoring system has faildes. Switch off the dishwasher, switch it back on and restart a washing programme. If the alarm appears again, call the After-Sales Service, specifyng the number of the error.

- Alarm **E5**
The dishwasher is not able to take in water. Check that:

a) the water cock is open,
b) the filter in the filler pipe is not blocked,
c) there are no restrictions in the filler pipe.

After making these checks, close the door. The washing programme will restart from the point where it was interrupted. If this is not sufficient, set the water supply pressure on the "low" value using the procedure described previously. If the alarm persist call the After-Sales Service.

- Alarm **E6**
The water has overheated.
To find out the cause of the fault, callin the After-Sales Service.

- Alarm **E7**
The dishwasher is unable to discharge the water. Check that:

a) the drain hose is not crushed,
b) the drain line is not blocked.

After making these checks, close the door. The washing programme will restart from the point where it was interrupted. If the alarm persists call the After-Sales Service.

j) CLEANING AND MAINTENANCE

The front panel can be cleaned with a soft cloth and clean water or using a special detergent for painted surfaces. Periodically clean the tank and door seals with a moist cloth. Before cleaning the appliance, disconnect it from the electrical supply.

WARNING!
Do not use abrasive products to clean the appliance.

Cleaning the water intake strainer:

The water intake strainer in the tap connection must be cleaned periodically (fig.1)

1. Turn off the tap
2. Unscrew the water intake hose
3. Remove the strainer and wash it under running water
4. With the tap turned off, fit the strainer and the water intake hose connection and tighten it fully.

Cleaning the spray arms:

The spray arms can be easily removed to allow periodic cleaning of the nozzles and prevent any clogging.

To remove the upper spray arm, unscrew locking ring **"R"** (fig. 16).

Wash the spray arms thoroughly under a jet of water and then refit them.

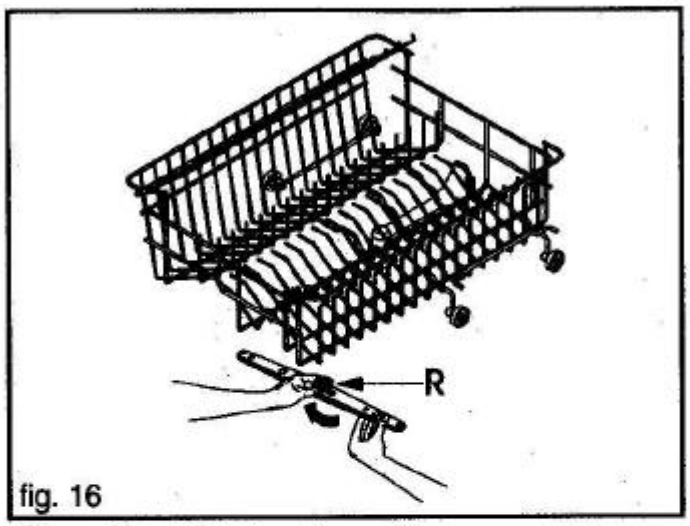


fig. 16

Cleaning the tank

The tank and the seals should be cleaned periodically (once or twice a year) to remove any dirt deposited, using a soft cloth and water.

Orbital spray arm

This appliance is equipped with a double "orbital" type bottom spray arm designed to give enhanced washing results by ensuryng thet the jets of water reach the most inaccessible corners of the tank.

To clean the orbital spray arm...
Remove the longer section **"F"** by pulling upwards; now disassemble the sorter section **"G"** (Fig. 17).

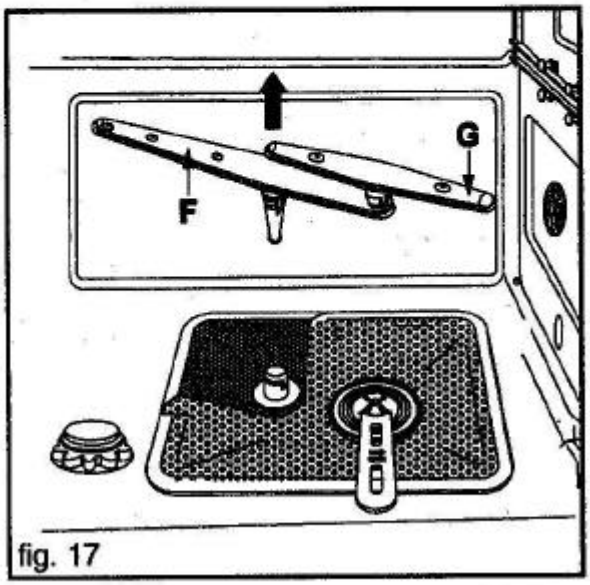


fig. 17

Cleaning the filter unit

The central filter "**H**" should be removed for inspection periodically and cleaned if necessary. To remove the filter unit, grip the handle and rotate anti-clockwise, then pull upwards (fig. 18);

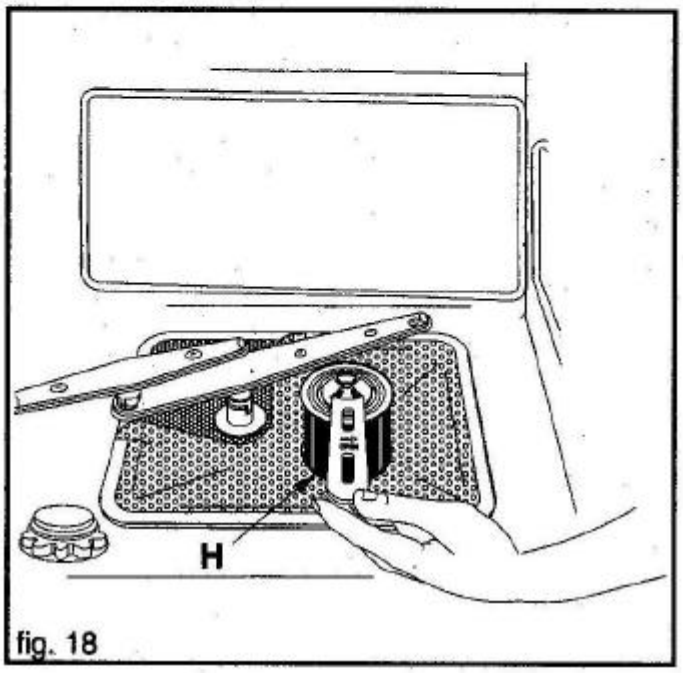


fig. 18

now separate components "**L**" and "**M**" as shown in figure 19;

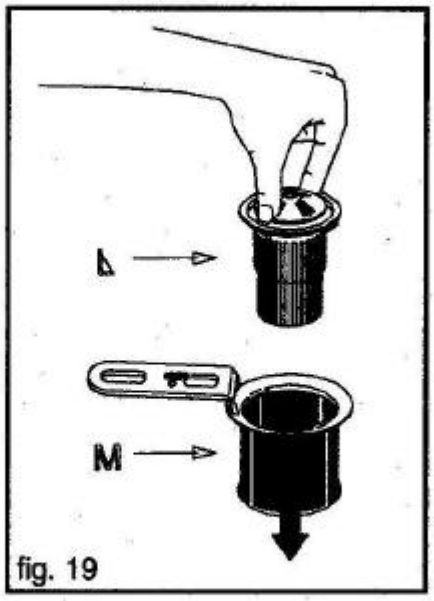


fig. 19

finally separate the two parts of the plastic filter by squeezing gently in the position shown (fig.20) and pulling the top part to remove it.

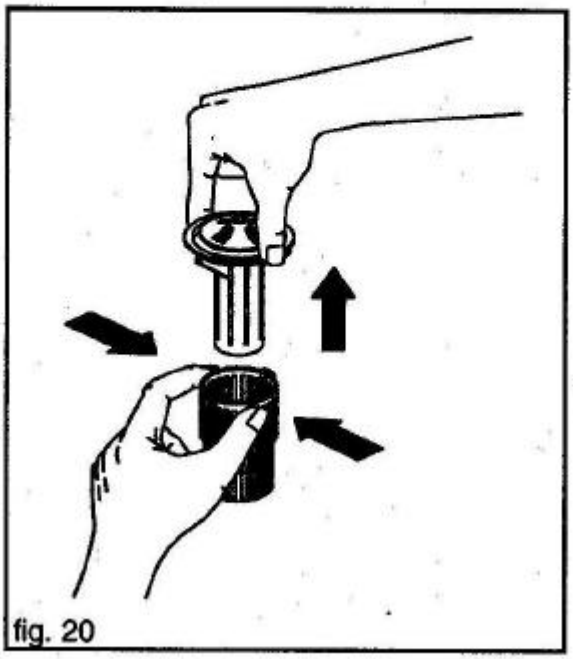


fig. 20

Having removed the central filter you have also the possibility of taking out the **"G"** filter (it is sufficient to lift it out), while to take out the **"P"** port it is necessary to remove the spray arm support **"N"** (Fig. 21).

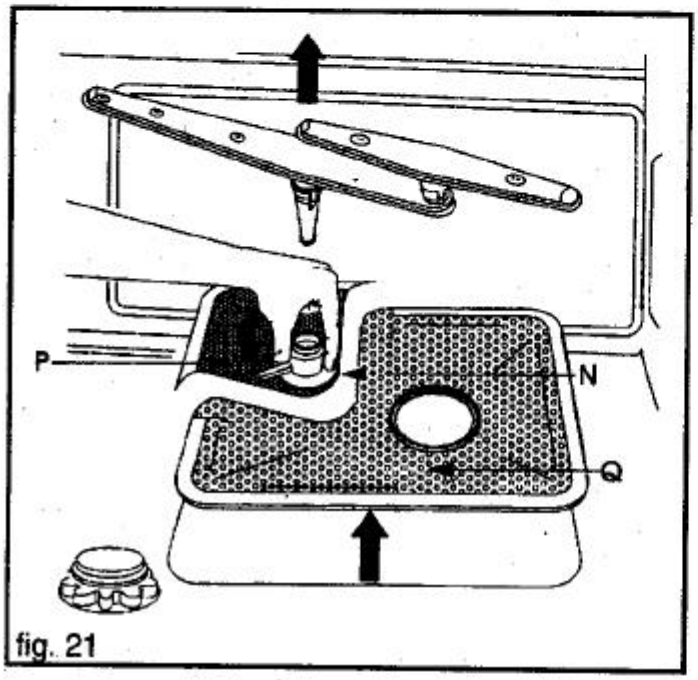


fig. 21

Clean the filters under running water and using a stiff bristle brush. Clean the filters carefully as described above, because the dishwasher cannot operate with a blocked filter. Take care to replace the clean filters correctly (by repeating the above instructions in reverse order) to avoid damage to the washing pump.

k) TROUBLESHOOTING

You will be able to remedy some minor problems with the help of the following instructions. If you are unable to solve the problem, call AFTER-SALES-SERVICE (see point **"n"**).

> The program fails to start...

- Appliance fuses blown ?
- Appliance connected to electrical supply ?
- Power failure ?
- Tap turned on ?
- Appliance door closed properly ?
- Water intake strainer clogged ?
- Water supply/drain hoses kinked or crushed ?

> Water remains in tank at end of program...

- Drain hose kinked or otherwise obstructed ?
- Siphon blocked ?
- Filters blocked ?

> Dishes are not clean at end of washing cycle...

- Detergent dispenser opened ?
- Detergent and/or rinse-aid dosage correct? (see "Preparations before using the appliance...").
- Salt container empty? Without salt the water is not softened and whitish scale deposits will be left on the dishes.
- Dishes correctly loaded? (see "Loading the dishwasher").
- Selected program too mild for type and level of dirt? (see "Cprogram table").
- All filters clean? Filters positioned correctly? (see "Cleaning and Maintenance").
- Spray arm nozzles blocked? (see "Cleaning and Maintenance").
- Spray arms free to rotate ?

> Dishes are still wet and dull at end of program...

- Are you using a good quality rinse-aid ?
- Rinse-aid dosage sufficient ?(see "Adjusting rinse-aid").

> Whitish streaks and stains on dishes at end of program...

- Rinse aid dosage excessive ?(see "Adjusting rinse-aid dosage").

> Dishes and glasses have water stains...

- Rinse-aid dosage sufficient ? (see"Adjusting rinse-aid dosage").
- Are you using a good quality detergent ?

k) TROUBLESHOOTING

> Rust marks in tank...

- The tank is made of stainless steel so any rust stains must be due to external causes (flakes of rust from the water pipes, pans, cutlery, etc.). Use a specific commercial cleaner to remove rust stains.
- Are you using the correct detergent dosage? Some detergents have a marked corrosive action (see "Adding detergent").
- Has the salt container cap been closed properly? (see "Filling with salt").
- Is the water softener system correctly adjusted? (see "Adjusting the water softener").

m) PROLONGED DISUSE

If you will not be using the dishwasher for a long period of time, take the following precautions:

- Run the "Soak" program twice in succession.
- Clean the filter.
- Unplug the appliance.
- Leave the door slightly open to prevent odour formation.
- Fill the rinse-aid dispenser.
- Turn off the tap.

Before using the appliance after prolonged disuse:

- Disconnect the water intake hose and allow the water to run into a suitable container for a few minutes to eliminate any debris or impurities from the water pipes. Now reconnect the water intake hose.
- Insert the appliance plug into the power socket.

n) AFTER-SALES SERVICE

If you unable to eliminate minor defects (see point **k** "Trubleshooting") call After-Sales Service

Only skilled personnel are authorized to carry out repair work on the appliance.
Incorrectly executed repairs may represent a hazard for the user. If the appliance needs repairing, consult the After-sales service or your dealer.